

V. REMARKS

In the Office Action, requirement was made for correction of the Drawing figures to show the legend "Prior Art" in Figs. 1, 2a and 2b. Corrected replacement sheets of drawing are included herewith to meet this requirement.

In the Specification, requirement was made for a new title. A new title is provided by this response.

Objection was made to Claim 19 requiring correction of an informality. Claim 19 is amended to correct the informality.

Claims 1, 2, 11 and 15-19 were rejected under 35 U.S.C. 102 as being anticipated by Haba (US 6,330,027) for reasons set forth in the Action. Claims 3-5, 7-10, 12, 13 and 20 were rejected under 35 U.S.C. 103 as being unpatentable over Haba, and claims 6 and 14 were rejected under 35 U.S.C. 103 as being unpatentable over Haba in view of Shimizu (US 6,515,271) for reasons set forth in the Action.

Claim 11 is amended to correspond with the wording of the claim 1.

The following argument is presented to show the presence of allowable subject matter in the claims.

Haba presents a teaching of error detection and correction mechanisms in a data transfer arrangement between a camera unit and an image processing unit. The examiner considers V sync data (Col. 6 lines 9-18) as statistical data mentioned in the present independent claims 1 and 11. Haba differs from the present invention in that in Haba, V sync data may contain information of a gain of an AGC-element (ref. nbr. 104 in fig 1 of Haba) and/or of shutter speed, but V sync data does not contain information collected from image data (e.g, brightness value) as recited in the present independent claims. Present claim 1 of says clearly:... "statistical data from said image data...".

It is emphasized that present claim 1 makes reference to statistical data and image data, and states that the image data and the statistical data are transmitted essentially at the same time. This is illustrated in present Fig. 4a wherein the statistical data SD (reference 407) and the image data are transmitted in a common frame structure (specification on page 9 at line 31). The examiner's reference to Haba (col. 6 at lines 15-17) at the top of Page 4 of the Action does not mention statistical data. In this respect, Haba misses a major point in the transmission of specific types of data required for operation of a digital camera in accordance with the teachings of the present invention. Statistical data is collected from unprocessed image data (present specification on page 3 at lines 28-29), and shows that the examiner cannot consider V sync data to be the equivalent of statistical data of an image. Therefore Haba teaches away from the present invention, and does not suggest the present invention.

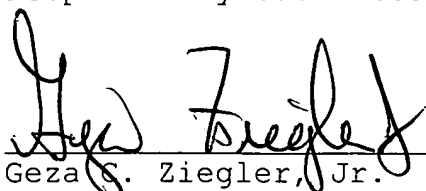
Shimizu presents a CMOS image sensor unit integrated with a serial data transmission means. The examiner uses this publication for rejecting claims 6 and 14 of the present application, in combination with the teachings of Haba. It is urged that, since Haba does not negate patentability of the present invention, an attempted combination of Shimizu with Haba also does not negate patentability of the present invention, as set forth in claims 6 and 14.

It is emphasized that the cited art, considered individually or in combination, does not teach a claimed feature of the present invention, namely, that statistical data collected from image data should be transferred from a camera module essentially at same time as the image data is transferred from the camera module. It is requested that the examiner reconsider the grounds of rejection in view of the foregoing argument, and find that a patent should be granted.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$120.00 is enclosed for a one-month extension of time. The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



Geza S. Ziegler, Jr.
Reg. No. 44,004

3 OCTOBER 2005
Date

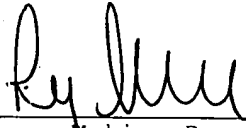
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III. DRAWING AMENDMENTS

Enclosed are a replacement sheet of the Drawing having Fig. 1 thereon, and a replacement sheet of the Drawing having Figs. 2a and 2b thereon. Each of these three drawing figures has been amended by inclusion of the term "PRIOR ART" as requested by the examiner in Point 2 of the Office Action.